

## EAST Search History

| Ref # | Hits | Search Query  | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------------|------------------|---------|------------------|
| L1    | 2    | "6686043".pn. or "5910333".pn.  | US-PGPUB; USPAT                    | ADJ              | ON      | 2008/05/06 07:48 |
| L2    | 85   | zukawa-takehiro.in. or kitagawa-masatoshi.in. or terauchi-masaharu.in. or asayama-junko.in.   | US-PGPUB; USPAT                    | ADJ              | ON      | 2008/05/06 07:49 |
| L3    | 0    | ("jp-10245550-\$.did.").PN.   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2008/05/06 07:50 |
| L4    | 30   | 2 and (pdp or plasma display or vuv or vacuum ultraviolet)  | US-PGPUB; USPAT                    | ADJ              | ON      | 2008/05/06 07:55 |
| L5    | 1    | ("4297584").PN.   | US-PGPUB; USPAT                    | OR               | OFF     | 2008/05/06 08:03 |
| L6    | 369  | 252/301.4\$.ccls. and (pdp or plasma display or vuv or vacuum ultraviolet)  | US-PGPUB; USPAT                    | ADJ              | ON      | 2008/05/06 08:06 |
| L7    | 56   | 252/301.5.ccls. and (pdp or plasma display or vuv or vacuum ultraviolet)  | US-PGPUB; USPAT                    | ADJ              | ON      | 2008/05/06 08:06 |
| L8    | 147  | 252/301.6\$.ccls. and (pdp or plasma display or vuv or vacuum ultraviolet)  | US-PGPUB; USPAT                    | ADJ              | ON      | 2008/05/06 08:06 |
| L9    | 386  | (6 or 7 or 8) not (4 or 1)  | US-PGPUB; USPAT                    | ADJ              | ON      | 2008/05/06 08:07 |
| L12   | 90   | 9 and ((halide or fluoride or chloride or halogen or bromide or iodide or f.u/c. or cl or br or i.u/c.) with (gas or atmosphere or coating or layer)) | US-PGPUB; USPAT                    | ADJ              | ON      | 2008/05/06 08:19 |
| L14   | 8    | 9 and ozone   | US-PGPUB; USPAT                    | ADJ              | ON      | 2008/05/06 08:25 |

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|-----|-----|--|--------------------|-----|----|---------------------|
| L15 | 139 | 9 and ((oxygen or "o.sub.2" or "f.sub.2" or "cl.sub.2" or "br.sub.2" or "i.sub.2") with (gas or atmosphere))   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/05/06<br>08:25 |
| L17 | 86  | 12 not (4 or 14)   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/05/06<br>08:52 |
| L18 | 83  | 15 not (14 or 12)  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/05/06<br>09:55 |
| L19 | 220 | 313/582,584.ccls.<br>and ((halide or fluori?e or chlori?e or halogen or bromi?e or iodi?e or f.u/c. or cl or br or i.u/c.) with (gas or atmosphere or coating or layer)) | US-PGPUB;<br>USPAT | ADJ | ON | 2008/05/06<br>10:05 |
| L20 | 19  | 313/582,584.ccls.<br>and ozone   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/05/06<br>10:05 |
| L21 | 169 | 313/582,584.ccls.<br>and ((oxygen or "o.sub.2" or "f.sub.2" or "cl.sub.2" or "br.sub.2" or "i.sub.2") with (gas or atmosphere))  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/05/06<br>10:06 |
| L22 | 293 | (19 or 20 or 21) not (1 or 4 or 9)   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/05/06<br>10:07 |
| L23 | 119 | 313/486.ccls. and ((halide or fluori?e or chlori?e or halogen or bromi?e or iodi?e or f.u/c. or cl or br or i.u/c.) with (gas or atmosphere or coating or layer))        | US-PGPUB;<br>USPAT | ADJ | ON | 2008/05/06<br>10:07 |
| L24 | 13  | 313/486.ccls. and ozone  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/05/06<br>10:07 |
| L25 | 125 | 313/486.ccls. and ((oxygen or "o.sub.2" or "f.sub.2" or "cl.sub.2" or "br.sub.2" or "i.sub.2") with (gas or atmosphere))   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/05/06<br>10:08 |
| L26 | 147 | (23 or 24 or 25) not (1 or 4 or 9 or 22)   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/05/06<br>10:08 |

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|-----|--------|--|-----------------|-----|-----|------------------|
| L27 | 24     | 26 and (pdp or plasma display)   | US-PGPUB; USPAT | ADJ | ON  | 2008/05/06 10:08 |
| L28 | 111808 | (428/403,404.ccls. or "427"/\$.ccls.) not (1 or 4 or 9 or 22 or 27)  | US-PGPUB; USPAT | ADJ | ON  | 2008/05/06 10:34 |
| L29 | 828    | 28 and (pdp or plasma display)   | US-PGPUB; USPAT | ADJ | ON  | 2008/05/06 10:34 |
| L30 | 2      | ((("6666738") or ("6984159")).PN.  | US-PGPUB; USPAT | OR  | OFF | 2008/05/06 10:34 |
| L31 | 68     | 29 and ozone   | US-PGPUB; USPAT | ADJ | ON  | 2008/05/06 10:35 |
| L32 | 228    | 29 and ((oxygen or "o.sub.2" or "f. sub.2" or "cl.sub.2" or "br.sub.2" or "i. sub.2") with (gas or atmosphere))  | US-PGPUB; USPAT | ADJ | ON  | 2008/05/06 10:36 |
| L33 | 325    | 29 and ((halide or fluori?e or chlori?e or halogen or bromi?e or iodi?e or f.u/c. or cl or br or i.u/c.) with (gas or atmosphere or coating or layer)) | US-PGPUB; USPAT | ADJ | ON  | 2008/05/06 10:36 |

5/ 6/ 08 10:45:05 AM

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